

Testing Your Recall

name _____

date _____

1. Define the following terms:

- Data
- Random Sample
- Variable

2. Explain why you would put data in a graph or chart.

3. Give an example of two things that are connected or linked.

4. Describe why someone would use a random sample.

5. How could you tell a good random sample from a bad random sample?

6. Give an example of a biased question.

7. How would you write an unbiased question to find out your class's favorite ice cream flavor?

Apply What You Learned

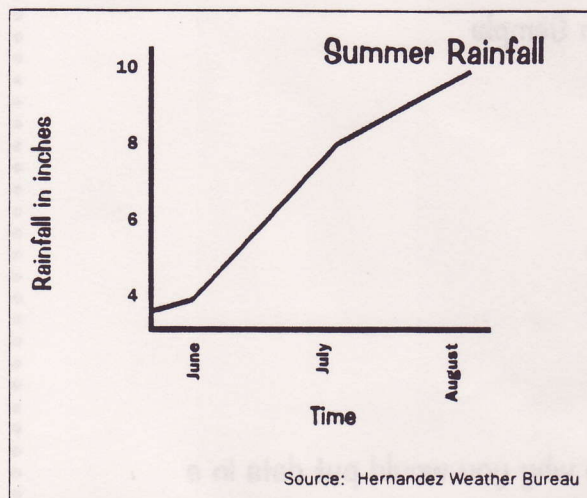
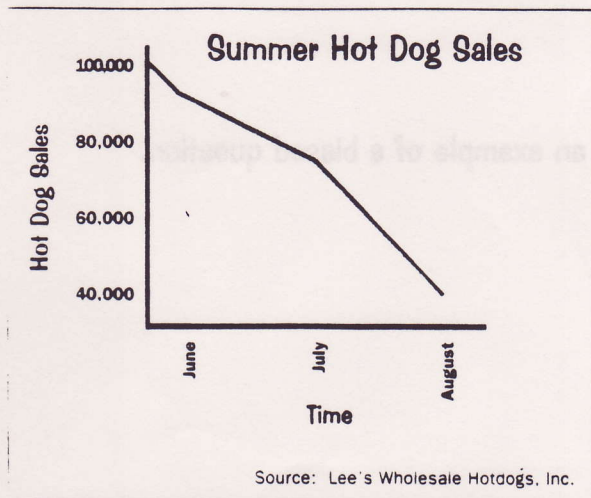
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Consider this...

Graphs don't always have to move in the same direction to be related. Sometimes graphs can reveal an inverse relationship. In an inverse relationship as one variable moves up, it causes another variable to move down.

Now, study these graphs and complete the instructions below.



1. In your own words, describe what the pattern on each graph above means.
2. Are the graphs connected? What's your hypothesis? Write a story or describe a scenario that could explain a connection between the two graphs.
3. Now describe how you would try to prove the possibility of a connection.